EXHIBIT A

Purpose: **Screening Protocol St. Louis 03/07/2003**

Initials: **JJ**

Date: 3/7/02

Technician: Eric Leuthardt.

Run	Duration	Task	.prm File	Comments
1	1 min	resting with eyes open	base60	
2	1 min	resting with eyes closed	base60	Moved @ arm
3	2 min	opening and closing left/right hand	horizontal	Did well
4	2 min	Imagining opening and closing left/right hand	horizontal	Focused well
5	2 min	protrude tongue in and out	onetarget	Protruded tongue
6	2 min	imagining to protrude tongue in and out	onetarget	Seemed more distracted
7	2 min	saying a word "move"	onetarget	Said word only once
8	2 min	imagine saying a word "move"	onetarget	
9	3 min	joystick task	joystick	
0	2 min	opening and closing left/right hand	horizontal	S ... excessive arm movement
?	2 min	imagining opening and closing left/right hand	horizontal	
)	2 min	protrude tongue in and out	onetarget	inconsistent - did it constantly
)	2 min	imagining to protrude tongue in and out	onetarget	Somewhat hyperkinetic
?	2 min	saying a word "move"	onetarget	somewhat inconsistent
	2 min	imagine saying a word "move"	onetarget	Stayed focused
)	3 min	joystick task	joystick	did well
	2 min	opening and closing left/right hand	horizontal	inconsistent

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(18)	2 min	Imagining opening and closing left/right hand	horizontal		
(19)	2 min	protrude tongue in and out	onetarget		
(20)	2 min	imagining to protrude tongue in and out	onetarget	i scuotes	
(21)	2 min	saying a word "move"	onetarget		
(22)	2 min	imagine saying a word "move"	onetarget		
23	3 min	joystick task	joystick		

VERT PERSEVERATIVE → goes beyond step points

UC:

- JJ is finally recovered enough to complete all the tasks required for the screening protocol. The protocol is attached above. He is somewhat tired and ??? with the tasks.
- Data acquired is good.
- We will attempt to done tomorrow.

- note: we have completed building the computer. Useful pin out diagrams ??? in back.

RE: THE FILTERS IN THE ACQUISITION COMPUTER AND THE ANALOG COMPUTER WERE ON. THIS PROBABLY MEANS THAT ??? FREQUENCIES ABOVE 70 Hz WERE FILTERED OUT.

EXHIBIT B

Session DW 001
Date: 5/21/03 — 5/22
Screening Session: 001

Run		Task	.prm file	Comments	
001	✓	Resting eyes open	Base60	did well	1
002	✓	Resting eyes closed	Base60	did well	1
003	✓	Open closing right/left hand	horizontal	did well	2
004	✓	Imagine Open closing right/left hand	horizontal	too fast	2
005	✓	Protrude tongue in and out	Onetarget	did well	2
006	✓	Imagine protrude tongue in and out	Onetarget	did well	2
007	✓	Say word move	Onetarget	did well	2
008 (5/22/03		Imagine saying word move w:s	Onetarget	Network crashed (5/22)	2
009	✓	joystick	joystick	did well	3
010	✓	Open closing right/left hand	horizontal	did well	2
011	✓	Imagine Open closing right/left hand	horizontal	did well	2
012	✓	Protrude tongue in and out	Onetarget	did well	2
013	✓	Imagine protrude tongue in and out	Onetarget	did well	2
014	✓	Say word move	Onetarget	did well	2
015	✓	Imagine saying word move	Onetarget	did well	3
016	✓	joystick	joystick	did well	2
017	✓	Open closing right/left hand	horizontal	did well	2
018	✓	Imagine Open closing right/left hand	horizontal	did well	2
019	✓	Protrude tongue in and out	Onetarget	did well	2
020	✓	Imagine protrude tongue in and out	Onetarget	falling asleep	2
021	✓	Say word move	Onetarget	did well	2
022	✓	Imagine saying word move	Onetarget	did well	2
023	✓	joystick	joystick	did well	
024		joystick	—	—	did well

did well

Pre-Testing Check List — 5/21/05 : DW	
✓	Unplug Bed
✓	Unplug Fan and turn off TV
✗	Use cortical lead as reference (most inactive lead) requires tech assistance
✗	Change the HIGH filter settings on the acquisition computer (in EEG monitor lab) to OFF
-	Make sure that the acquisition frequency is set at 500 HZ
	Uncheck the analog printer filter settings on the BCI computer
	Names of Individuals involved :

Eric Leuthardt   Note = reference = scalp
Gerwin Schalk
Dan Moran

Post Testing Check List	
	Make sure name and run are correct following each run
	Make sure patient is reconnected to local network and being monitored

Note : In checking parameter files we noted that the
last case was sampled @ 300Hz. Therefore we
need to re√ data accordingly to 300Hz Because
pr.analysis analyzed the data according to

_to_ : add to check list — file parameters pm parameters

    | SOURCE |

    ＊   Sampling rate   500
          Software channels 32
          Sample Block size   20
            MEM
    | MEM FILTER |

          Bandwidth 2
          Model order 18
          MEM window   7
          Start bin 2.5